

WHAT IS CLAIMED IS:

1 1. A method for passively managing an investment  
2 portfolio comprising a plurality of securities and for  
3 actively managing tax lots to automatically maximize  
4 investor wealth, the method comprising the following  
5 steps:

6 constructing an investment portfolio comprised of  
7 a plurality of securities;

8 periodically calculating a difference between a  
9 present value and a past value for each of at least  
10 some of the plurality of securities comprising the  
11 investment portfolio;

12 automatically selling the securities to harvest  
13 tax losses when the difference between the present  
14 value and the past value of the security is determined  
15 to reach or exceed a predetermined tax loss threshold;

16 purchasing shares of funds to temporarily replace  
17 the sold securities; and

18 after a minimum delay period, repurchasing the  
19 securities sold to harvest tax losses and selling the  
20 shares of funds used to temporarily replace them.

1 2. A method as defined in Claim 1, wherein said  
2 constructing step comprises:

3 constructing the investment portfolio to  
4 substantially replicate the performance of an index.

1 3. A method as defined in Claim 2, wherein the index  
2 being replicated is the Standard & Poor's 500 (S&P  
3 500).

1 4. A method as defined in Claim 2, wherein the step  
2 of constructing the portfolio further comprises:

3 comparing a plurality of securities comprising  
4 the index to a capitalization weighting parameter;

5 selecting the securities which exceed a  
6 capitalization threshold;

7 comparing a resultant portfolio to an industry  
8 balance parameter; and  
9 adding securities which do not exceed the  
10 capitalization weighting parameter to the investment  
11 portfolio to provide an industry balance which is  
12 substantially equivalent to the industry balance  
13 parameter.

1 5. A method as defined in Claim 4, wherein the at  
2 least some of the plurality of securities for which  
3 the difference between the present value and the past  
4 values is calculated comprises those securities which  
5 exceed the capitalization threshold.

1 6. A method as defined in Claim 2, additionally  
2 comprising:  
3 periodically rebalancing the investment portfolio  
4 to substantially replicate the performance of the  
5 index.

1 7. A method as defined in Claim 6, wherein the step  
2 of rebalancing comprises:  
3 comparing a plurality of securities comprising  
4 the index to a capitalization weighting parameter;  
5 selecting the securities which exceed a  
6 capitalization threshold;  
7 comparing a resultant portfolio to an industry  
8 balance parameter; and  
9 adding securities which do not exceed the  
10 capitalization weighting parameter to the investment  
11 portfolio to provide an industry balance which is  
12 substantially equivalent to the industry balance  
13 parameter.

1 8. A method as defined in Claim 6, wherein the time  
2 period between each successive rebalancing of the  
3 investment portfolio is at least equivalent to the

4 time period required by the Internal Revenue Service  
5 wash sale rules.

1 9. A method as defined in Claim 1, wherein the  
2 predetermined tax loss threshold is in a range between  
3 about ten and about fifteen percent.

1 10. A method as defined in Claim 1, wherein the  
2 predetermined tax loss threshold is approximately  
3 fifteen percent.

1 11. A method as defined in Claim 1, wherein the  
2 shares of funds are in the same industry segment as  
3 the securities which are being sold.

1 12. A method as defined in Claim 1, wherein the  
2 shares of funds comprise exchange traded funds  
3 (ETF's).

1 13. A method as defined in Claim 1, wherein the  
2 minimum delay period comprises the period of time  
3 required by Internal Revenue Service wash sale rules.

1 14. A method for managing a tax efficient portfolio  
2 for each of a plurality of investors, the method  
3 comprising the following steps:

4 constructing an investment portfolio comprising a  
5 plurality of securities selected to substantially  
6 replicate the performance of an index;

7 establishing an individual portfolio for each of  
8 the plurality of investors wherein each investor owns  
9 shares in at least some of the securities comprising  
10 the investment portfolio;

11 periodically determining a change in value  
12 between a present value and a past value of each of  
13 the at least some securities owned by at least some of  
14 the investors and comparing the change in value to a

15 predetermined tax loss threshold to identify tax  
16 harvest securities;  
17 selling the tax harvest securities;  
18 purchasing shares of funds to temporarily replace  
19 the sold securities;  
20 after at least a minimum delay period required by  
21 Internal Revenue Service wash sale rules, repurchasing  
22 the securities sold as tax harvest securities.

1 15. A method as defined in Claim 14, additionally  
2 comprising:  
3 periodically rebalancing the investment portfolio  
4 to substantially replicate the performance of the  
5 index.

1 16. A method as defined in Claim 15, wherein the  
2 period of time between successive rebalancing steps is  
3 substantially equivalent to the period of time between  
4 successive tax harvesting operations.

1 17. A method as defined in Claim 14, additionally  
2 comprising:  
3 combining the tax harvest securities to be sold  
4 at a given point in time from the accounts of multiple  
5 investors to form a block trade of each of the tax  
6 harvest securities;

7 combining the shares of each fund to be bought  
8 and/or sold at a given point in time from the accounts  
9 of multiple investors to form a block trade of each of  
10 the funds;

11 combining the securities to be repurchased at a  
12 given point in time for the accounts of multiple  
13 investors to form a block trade of each of the  
14 repurchased securities; and

15 executing the block trades of securities and  
16 funds.

- 1 18. A method as defined in Claim 17, additionally  
2 comprising:  
3 allocating the corresponding tax loss from the  
4 block sales of tax harvest securities to the  
5 appropriate ones of each of the plurality of  
6 investors; and  
7 allocating the brokerage costs from the block  
8 sales of the tax harvest securities, the block  
9 purchases of the replacement securities, and the  
10 purchase or sale of the funds to the appropriate ones  
11 of each of the plurality of investors.
- 1 19. A method as defined in Claim 14, wherein the  
2 number of securities in the investment portfolio is  
3 less than the number of securities held in the index.
- 1 20. A method as defined in Claim 14, wherein  
2 securities in the index which have a capitalization  
3 weight in the index of at least a predetermined  
4 percentage are owned by each investor, and wherein  
5 securities in the index which have a capitalization  
6 weight in the index of less than the predetermined  
7 percentage are not owned by each owner but rather are  
8 commonly held with each investor having an ownership  
9 interest proportionate to the relative size of that  
10 owner's overall position.
- 1 21. A method as defined in Claim 20, wherein the  
2 predetermined percentage is approximately three tenths  
3 of one percent.
- 1 22. A method as defined in Claim 14, further  
2 comprising the step of allocating an individual  
3 position and an individual tax lot for each investor.

1 23. A method as defined in Claim 14, wherein the  
2 shares of funds are in the same industry segment as  
3 the tax harvest securities which are being sold.

1 24. A method as defined in Claim 14, wherein the  
2 shares of funds comprise exchange traded funds  
3 (ETF's).

1 25. An apparatus for automatically harvesting tax  
2 losses and rebalancing an investment portfolio, the  
3 apparatus comprising:

4 an accounting system for maintaining position  
5 data and tax data for at least one individual  
6 portfolio;

7 a tax lot harvesting system for calculating a  
8 difference between a present value and a past value of  
9 selected securities in the investment portfolio,  
10 comparing the difference to a predetermined tax loss  
11 threshold, and ordering a tax loss harvest sale of  
12 such tax loss harvest securities when the difference  
13 exceeds the predetermined threshold;

14 a temporary fund management system for ordering  
15 the purchase of shares of funds to replace tax loss  
16 harvest securities to be sold, and for ordering the  
17 sale of shares of funds held for at least a  
18 predetermined time;

19 a security repurchase management system for  
20 repurchasing tax loss harvest securities at least the  
21 predetermined time after they have been sold; and

22 a trading system for causing an external trading  
23 system to execute a trade in response to the sales and  
24 purchase orders from the tax lot harvesting system,  
25 the temporary fund management system, and the security  
26 repurchase management system.

1 26. An apparatus as defined in Claim 25, additionally  
2 comprising:

3 a rebalancing system for optimizing an investment  
4 portfolio to track a selected index based on a  
5 capitalization weight parameter and an industry  
6 balance parameter and, when rebalancing is required,  
7 for producing a trade signal indicating the quantity  
8 of at least one of a plurality of securities in the  
9 investment portfolio to sell and at least one security  
10 in the index to buy.

1 27. An apparatus as defined in Claim 25, wherein the  
2 trading system transmits executed trade and tax lot  
3 data to the accounting system.

1 28. An apparatus as defined in Claim 25, wherein the  
2 accounting system allocates an account position for  
3 each executed trade and a tax lot to each of the  
4 individual portfolios.

1 29. An apparatus as defined in Claim 25, wherein the  
2 difference in time between the past value and the  
3 present value is at least equivalent to the time  
4 period required by Internal Revenue Service wash sale  
5 rules.

1 30. An apparatus as defined in Claim 25, further  
2 comprising a trading data interface for receiving  
3 current security price data.

1 31. An apparatus as defined in Claim 25, wherein the  
2 shares of funds are in the same industry segment as  
3 the securities which are being sold.

1 32. An apparatus as defined in Claim 25, wherein the  
2 shares of funds comprise exchange traded funds  
3 (ETF's).